



SPYWOLF

Security Audit Report



Completed on
June 10, 2023

@SPYWOLFNETWORK



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SPYWOLF.CO





OVERVIEW

This audit has been prepared for **HypeTrain** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”



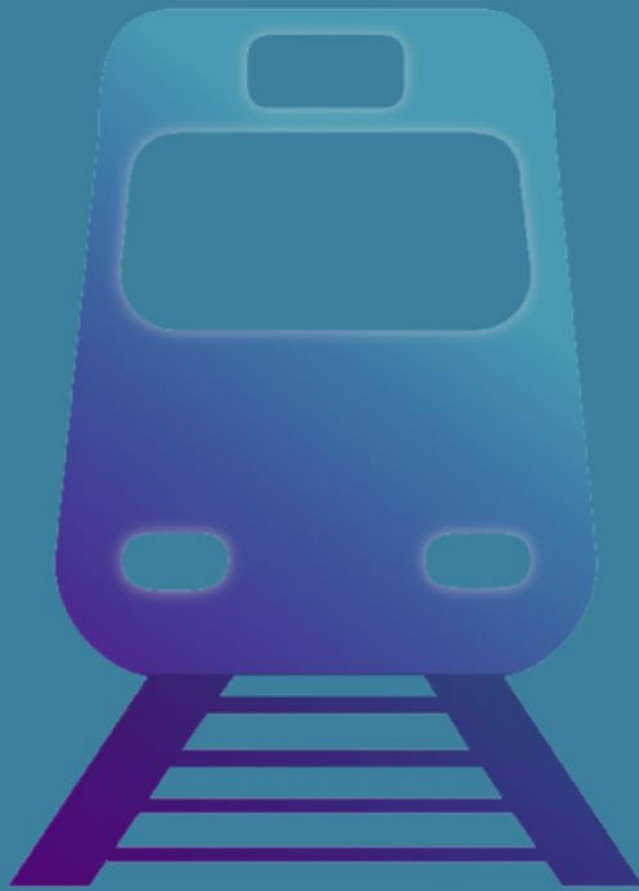


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HypeTrain



PROJECT DESCRIPTION

According to their website:

HypeTrain is a no tax Ethereum based token, Where hype controls the ride and destination! This is community driven project, where we want to offer a safe and fun place for investors. So grab a bag and and let's build some hype.

Release Date: Launched June 3rd, 2023

Category: Meme token



CONTRACT INFO

Token Name
HypeTrain

Symbol
HYPE

Contract Address

0x934c072dd9e350098d7fe987900c8fc02c1ccc38

Network
Ethereum

Language
Solidity

Deployment Date
Jun 02, 2023

Verified?
Yes

Total Supply
1,000,000,000,000

Status
Launched

TAXES

Buy Tax
none

Sell Tax
none

*Taxes cannot be changed



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



TOKEN TRANSFERS STATS

Transfer Count	68
Uniq Senders	22
Uniq Receivers	38
Total Amount	5074792297050.32 HYPE
Median Transfer Amount	20000000000 HYPE
Average Transfer Amount	74629298486.03412 HYPE
First transfer date	2023-06-02
Last transfer date	2023-06-08
Days token transferred	6

SMART CONTRACT STATS

Calls Count	132
External calls	19
Internal calls	113
Transactions count	51
Uniq Callers	25
Days contract called	5
Last transaction time	2023-06-08 18:56:11 UTC
Created	2023-06-03 16:44:59 UTC
Create TX	0xfc17201a7748bcla530ead3cc75c6f0298c15cf206b5652add3675aa081109ed
Creator	0xef1c6e67703c7bd7107eed8303fbe6ec2554bf6b



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

Low Risk

No low risk-level threats found in this contract.



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

HypeTrain

GOOD PRACTICES FOUND

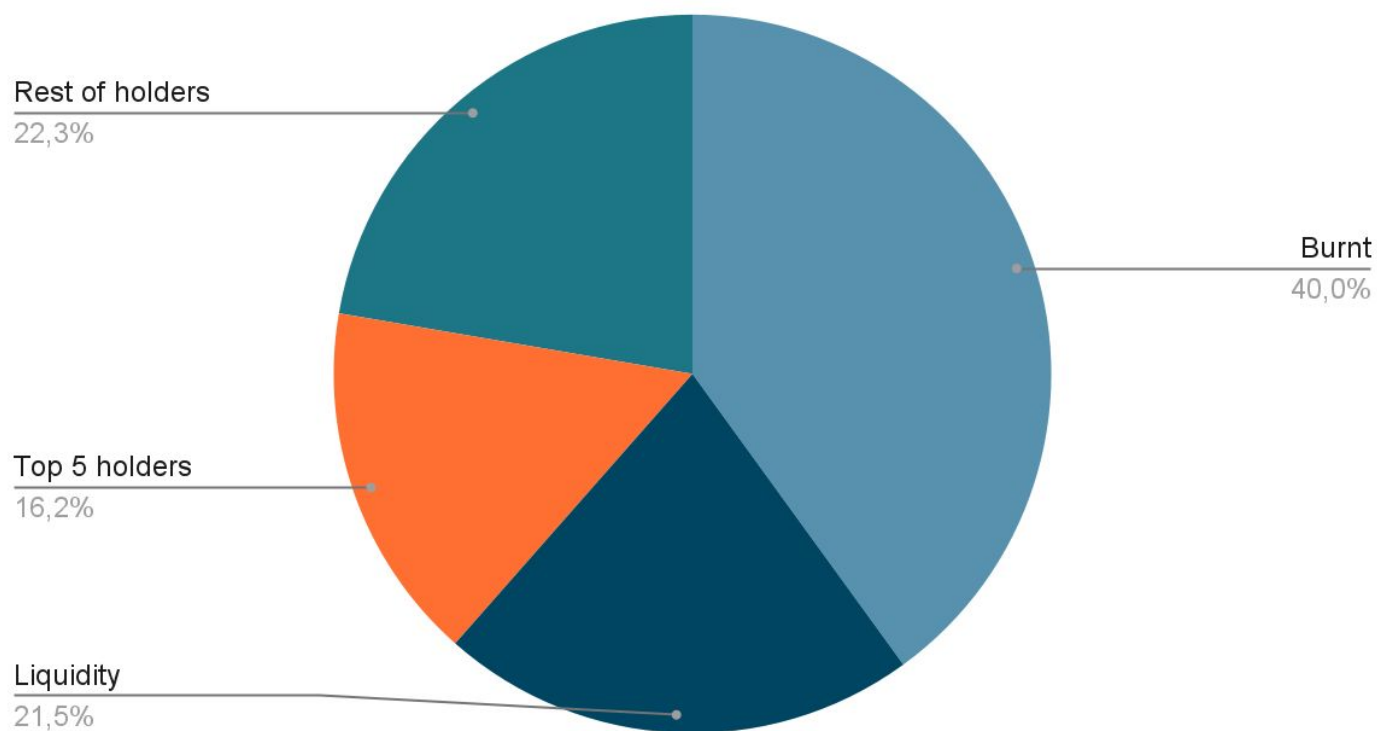
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



Current tokens distribution according to Etherscan:

- 40% - Burnt
- 21.5% - Liquidity pair
- 16.2% - Top 5 holders
- 22.3% - Rest of holders

Tokens distribution





WEBSITE

Website URL

<http://hypetraineth.cc/>

Domain Registry

<https://www.godaddy.com>

Domain Expiration

2024-06-02

Technical SEO Test

Passed

Security Test

No SSL Certificate present

Design

Single page design with appropriate color scheme and graphics.

Content

The information helps new investors understand what the product does right away.

No grammar mistakes found.

Whitepaper

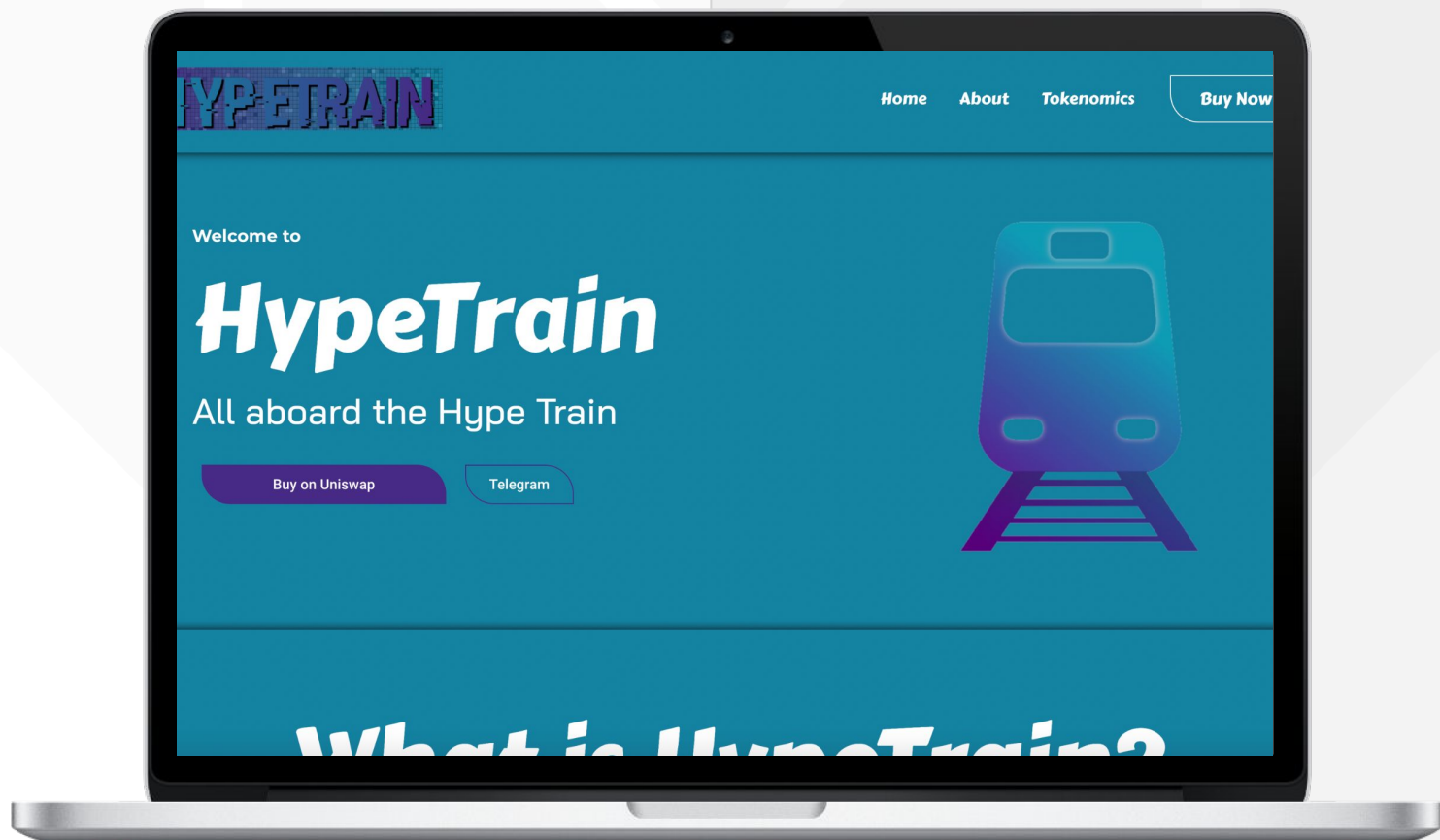
No

Roadmap

No

Mobile-friendly?

Yes



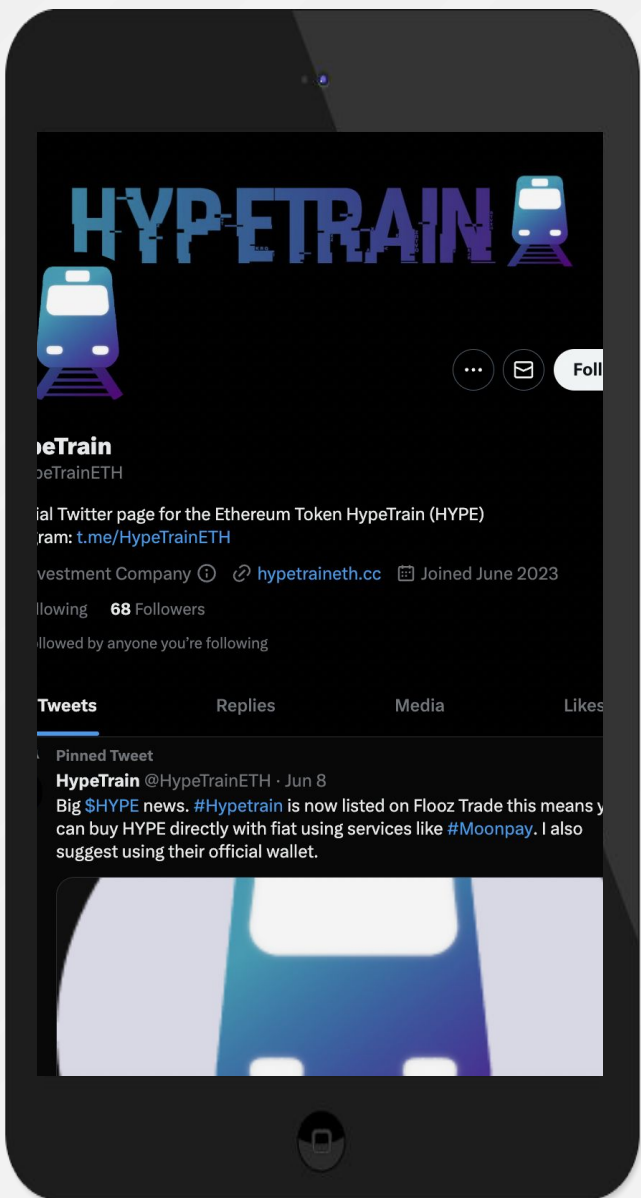
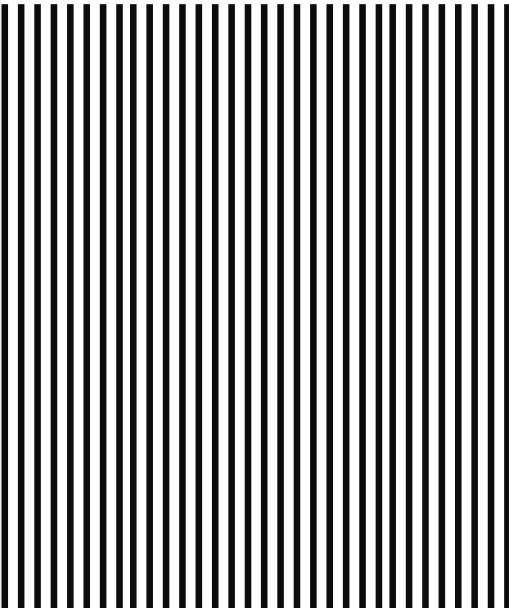
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SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS
Project's social media pages are active



Twitter
@HypeTrainETH

- 68 followers
- Posts frequently
- Active



Discord

- Not available



Telegram
@HypeTrainETH

- 171 members
- Active members
- Active mods



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 500 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to
contact@spywolf.co or
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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.